(TS//SI//REL) Intelligently filtering your data: Brazil and Mexico case studies

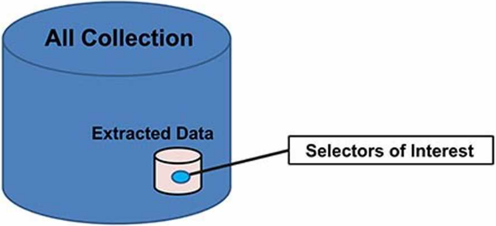
SATC

(U) Classification

This presentation is classified
TOP SECRET//COMINT//REL TO USA, AUS, CAN, GBR, NZL

(U) The benefits

- (S//REL) Extracts from the full collection of data the activity most relevant to the selectors of interest

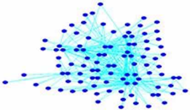


(U) The benefits

- (S//REL) Allows the analyst to implement analytics that
  - Are customized to their needs on a target-by-target basis
  - Could not or should not be run against all collection
  - Might find a needle in a haystack in an repeatable and efficient way

(U) Contact Graphs

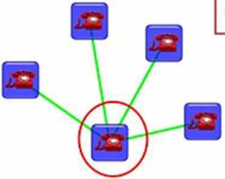
- (U) A **graph** is a set of objects (nodes, vertices) connected by links (edges).
- (U) Graphs are a useful way of visualizing and analyzing the structure of communication networks



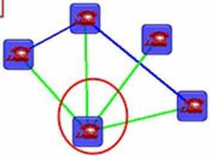
(U) Hops

- (U) We may build a 1-hop graph by selecting all vertices connected to a root node
- (U) A 1.5-hop graph contains all vertices connected to a root node and all connections between those vertices

1 Hop

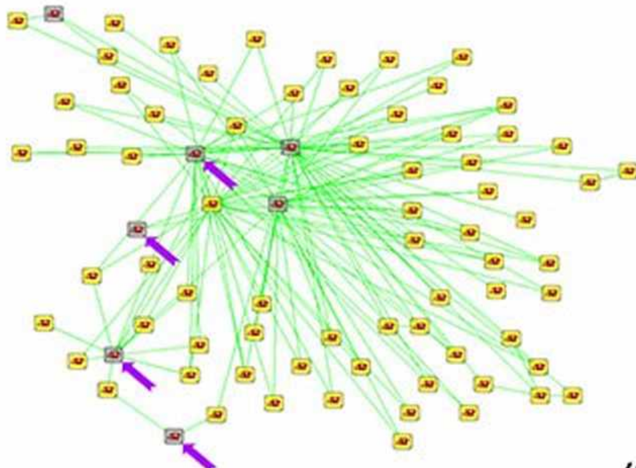


1.5 Hop



(U) applications in target development

(C/REL)



(C/REL)

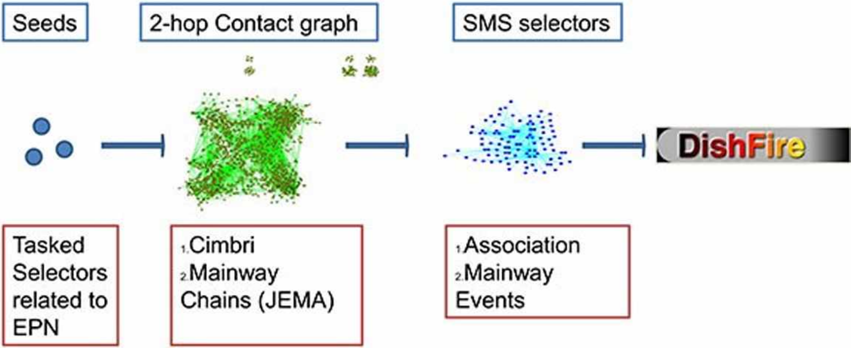
(U//FOUO) S2C41 surge effort

(TS//SI//REL) NSA's Mexico Leadership Team (S2C41) conducted a two-week target development surge effort against one of Mexico's leading presidential candidates, Enrique Pena Nieto, and nine of his close associates. Nieto is considered by most political pundits to be the likely winner of the 2012 Mexican presidential elections which are to be held in July 2012. SATC leveraged graph analysis in the development surge's target development effort.



(U) One-Time Work

(TS//SI//REL)



(TS//SI//REL)

(U) Results

- (S//SI//REL)85489 Text messages

Interesting Messages

[redacted] Me dice Jorge Corona Srio de EPN que el escucho que BPR se i
a con Moreira no es asi? Y pues va sola salvo que le digas a alguien,,Assoc ID not requested,not requested,not requested,,,[redacted]

Nieto

[redacted],Mi Querido Alex el nuevo titular de Com. Social es Juan Ramon Flores su cel es [redacted] el
ID [redacted] Nuevo Srio. Part. Es Lic. Miguel Angel Gonzalez Cel [redacted] y el Nuevo ID de JORGE CORONA es [redacted] un abra
zo y seguimos en contacto avisame si llego el msj. por favor.....,[redacted]

(U//FOUO) S2C42 surge effort

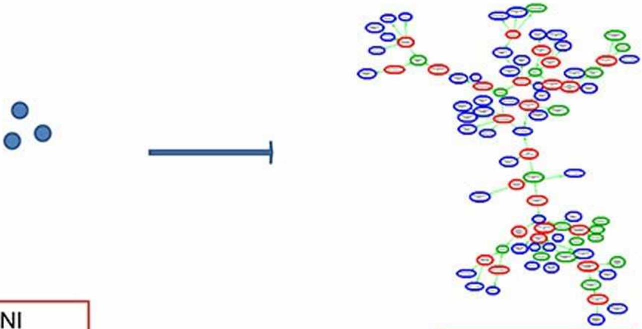
(U) Goal

(TS//SI//REL) An increased understanding of the communication methods and associated selectors of Brazilian President Dilma Rousseff and her key advisers.



(U) One-Time Work

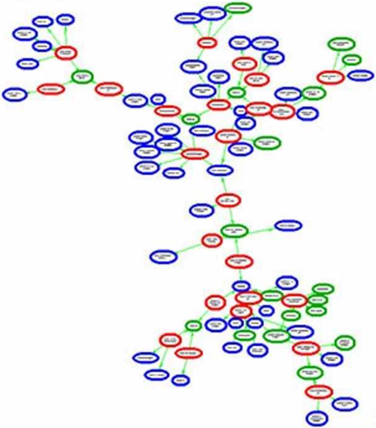
(TS//SI//REL)



(TS//SI//REL)

(U//FOUO) S2C42 surge effort

(TS//SI//REL)



- Discovered new selectors associated with high-value targets

(TS//SI//REL)

(U) Conclusion

- (S//REL) Contact graph-enhanced filtering is a simple yet effective technique, which may allow you to find previously unobtainable results and empower analytic discovery
- (TS//SI//REL) Teaming with S2C, SATC was able to successfully apply this technique against high-profile, OPSEC-savvy Brazilian and Mexican targets.

(U//FOUO) Geopolitical Trends for 2014-2019:

Identifying Challenges

Derived From: NSA/CSSM 1-52
Dated: 20070108
Declassify On: 202370501

1.0.0

The Overall Classification Is:

TOP SECRET//SI//REL TO USA, FVEY

Geopolitical Trends: Global Drivers

(S//REL) Geopolitical Trend drivers:

[redacted]

- **Stressors to Regional Stability/Rise of New Actors.**
  - Brazil and Turkey emerge on the global stage, Mexico is stressed and on our border, Arab Spring continues, the global "youth bulge" causes disaffection among youths who cannot find employment.

[redacted]

Geopolitical Trends: Key Challenges

(S//REL) Transnational Issues

[redacted]

(S//REL) Nation-State Issues

[redacted]

- Friends, Enemies, or Problems?
  - Brazil, Egypt, India, Iran, Mexico, Saudi Arabia, Somalia, Sudan, Turkey, Yemen, and others.

[redacted]

(C) The International Security Issues Build-Out

FROM: [redacted]
Global Capabilities Manager, ISI (S2C)
Run Date: 05/17/2006

(C) As the Analysis & Production Mission Build Out Strategy was originally envisioned, International Security Issues (ISI) mission was to remain primarily based in Washington. However, as other product line mission plans began to mature, opportunities for ISI to expand its mission capabilities opened. Planning is underway that will involve ISI participation in build-out activities with NSA/CSS Georgia, NSA/CSS Hawaii, NSA/CSS Texas and the European Security Command. The ISI mission is further extended by its relationships with F6 and Second and Third Party foreign partners that provide valuable analytic insights as well as their technical capabilities.

(U) NSA Washington Mission

(U) Regional

(TS//SI) ISI is responsible for 13 individual nation states in three continents. One significant tie that binds all these countries together is their importance to U.S. economic, trade, and defense concerns. The Western Europe and Strategic Partnerships division primarily focuses on foreign policy and trade activities of Belgium, France, Germany, Italy, and Spain, as well as Brazil, Japan and Mexico. The division reporting also provides some key intelligence on military and intelligence activities in some of these countries. The Aegean and Ukraine division works all aspects of the Turkish target - diplomatic, governmental/leadership, military and intelligence.

(TS//SI) [redacted]

(U) Transnational

(TS//SI) [redacted]

(TS//SI) [redacted]

(TS//SI) [redacted]

(TS//SI) [redacted]

(S) Build-Out Support to Counterterrorism and Combating Proliferation

(S//SI) Today, ISI is actively partnering with the Combating Proliferation (CP, S2G) and Counterterrorism (CT, S2I) product lines to incorporate financial intelligence analysis into their mission build-out plans. The idea is to integrate financial analysis with traditional target efforts as opposed to working the target from two separate perspectives, as is done in NSA Washington. ISI's long-term goal is to introduce financial analysis as part of the Intelligence Analysis curriculum so any target can be enriched with the use of financial intelligence. The first CP FTM-trained analyst arrives at NSA Texas in June. NSA Hawaii's CT effort has several analysts who partner with FTM on select Southeast Asia counterterrorism targets.

(U//FOUO) NSA Texas

(TS//SI) [redacted]

(TS//SI) [redacted]

SERIES:

Comments/Suggestions about this article?

[redacted]